IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of

CRAIG et al — Atty. Ref.: 2380-773

Serial No. to be assigned — Group: unknown

Filed: October 9, 2003 — Examiner: unknown

For: FREQUENCY OFFSET HOPPING FOR TELECOMMUNICATIONS

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Commissioner for Patents
P. O. Box 1450
Alexandria, VA 22313-1450

Sir:

INFORMATION DISCLOSURE STATEMENT

☒	1.	**PTO-1449 Pursuant to 37 CFR 1.97(b)** [within 3 months of filing or prior to 1st Office Action]	*N/C*
☐	2.	**Statement Pursuant to 37 CFR 1.97(c)** [before Final Office Action or Allowance]	*N/C*
☐	3.	**Fee Payment Pursuant to 37 CFR 1.97(c)** [before Final Office Action or Allowance]	*$180.00*
☐	4.	**Pursuant to 37 CFR 1.97(d)** [before Issue Fee payment]	*$180.00*

The following are submitted in the above-identified application in compliance with 37 C.F.R. §§ 1.97 and 1.98:

☒ 5. A list of documents on Form PTO-1449 together with copies of each identified document and a translation or a concise explanation of each non-English language document is enclosed herewith.

☐ a) The partial translations were provided to the undersigned by the applicants' foreign representative. The undersigned has no knowledge regarding the pertinency of the partially translated portions vis-á-vis the document as a whole. The partial translations are merely provided for whatever convenience they may be.

This paper is submitted in accordance with:

☒ 6. 37 CFR 1.97(b): [within 3 months of filing or prior to 1st Office Action]

☐ 7. 37 CFR 1.97(c): [before Final Office Action or Allowance, whichever is earlier]; and

☐ a) The required Statement made in item 9 below; or

☐ b) The $180.00 fee specified in 37 CFR §1.17(p) for submission of this Information Disclosure Statement is authorized in item 10 below.

☐ 8. 37 CFR §1.97(d): [before issue fee payment]; and

☐ a) The fee ($180.00) required by 37 CFR §1.17(p) is submitted herewith; and

☐ b) The required Statement is stated in item 9 below.

☐ 9. Statement under 37 CFR 1.97(e)

☐ a) The undersigned attorney of record hereby certifies under 37 C.F.R. §1.97(e) that each item of information contained in this Information Disclosure Statement was first cited in a communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this Information Disclosure Statement (each item contained in this IDS was the first citation of that item by a foreign patent office in a counterpart foreign application which occurred no more than three months prior to the filing of this IDS); or

☐ b) No item of information contained in this Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application, and, to the knowledge of the person signing this Statement, after making reasonable inquiry, no item of information contained in this Statement was known to any individual designated in 37 CFR §1.56(c) more than three months prior to the filing of this Information Disclosure Statement.

☒ 10. Please charge all deficiency fees associated with the submission of this Information Disclosure Statement and any other fees applicable to this application to Deposit Account No. 14-1140. An original and one (1) copy of this document are enclosed.

Respectfully submitted,
NIXON & VANDERHYE P.C.

October 9, 2003

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INFORMATION DISCLOSURE CITATION

(Use several sheets if necessary)

ATTY. DOCKET NO.	SERIAL NO.
2380-773	to be assigned
APPLICANT	
CRAIG et al	
FILING DATE	GROUP
October 9, 2003	unknown

U.S. PATENT DOCUMENTS

*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
		6,233,270	5-2001	Craig et al.			
		6,597,672	7-2003	Gustafsson et al.			
		6,405,048	6-2002	Haartsen			
		6,259,686	7-2001	Blanc et al.			
		6,223,048	4-2001	Noll Barreto et al.			
		5,455,962	10-1995	Kotzin			
		5,430,761	7-1995	Bruckert et al.			

FOREIGN PATENT DOCUMENTS

		DOCUMENT	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES	TRANSLATION NO
		01/63785 A1	8-2001	WO				

OTHER DOCUMENTS (including Author, Title, Date, Pertinent pages, etc.)

		Tech Spec: 3GPP TS 45.002 v5.10.0; 3rd Generation Partnership Project: Tech. Spec. Group GSM/EDGE Radio Access Network; Multiplexing and Multiple Access on the Radio Path (Release 5), 6-2003
		Blom, "Ericsson's GSM RAN Capacity Solutions", Ericsson Review No. 2, 2002, pp. 84-89
		Tech. Spec.: ETSI EN 300 908, V8.5.1; "Digital Cellular Telecommunications System (Phase 2+); Multiplexing and Multiple Access on the Radio Path" (GSM 05.02 version 8.5.1 Release 1999)
		GSM Tech. Spec., GSM 05.01, "Digital Cellular Telecommunications System (Phase 2+); Physical Layer on the Radio Path; General Description" (GSM 05.01 version 5.4.0), April 1998

*Examiner		Date Considered	

Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to application.

Form PTO-FB-A820 (Also PTO-1449)